

Substitute for form 1449(PTO)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/536,471
				Filing Date	2005-05-26
				First Named Inventor	Proctor Jr et al.
				Art Unit	2617
				Examiner Name	DOAN, PHUOC HUU
Sheet	1	of	11	Attorney Docket No: 080589	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
001	US4000467		12-28-1976	Lentz et al.	
002	US4061970		12-06-1977	Magneron et al.	
003	US4124825		11-07-1978	Webb et al.	
004	US4701935		10-20-1987	Namiki et al.	
005	US4922259		05-01-1990	Hall et al.	
006	US5280480		01-18-1994	Pitt et al.	
007	US5349463		09-20-1994	Hirohashi et al.	
008	US5371734		12-06-1994	Fischer et al.	
009	US5373503		12-13-1994	Chen et al.	
010	US5408197		04-18-1995	Miyake et al.	
011	US5430726		07-04-1995	Moorwood et al.	
012	US5485486		01-16-1996	Gilhousen; Klein S. et al.	
013	US5509028		04-16-1996	Marque-Pucheu et al.	
014	US5608755		03-04-1997	Rakib et al.	
015	US5610916		03-11-1997	Kostreski et al.	
016	US5648984		07-15-1997	Kroninger et al.	
017	US5654979		08-05-1997	Levin; Jeffrey A. et al.	
018	US5678198		10-14-1997	Lemson et al.	
019	US5726980		03-10-1998	Rickard et al.	
020	US5732334		03-24-1998	Miyake et al.	
021	US5754540		05-19-1998	Liu et al.	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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<b>Art Unit</b>	2617
<b>Examiner Name</b>	DOAN, PHUOC HUU

Sheet

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of

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Attorney Docket No: 080589

**U. S. PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
022	US5764636		06-09-1998	Edsall et al.	
023	US5784683		07-21-1998	Sistanizadeh et al.	
024	US5852629		12-22-1998	Iwamatsu et al.	
025	US5857144		01-05-1999	Mangum et al.	
026	US5884181		03-16-1999	Arnold et al.	
027	US5963846		10-05-1999	Kurby et al.	
028	US6005855		12-21-1999	Zehavi et al.	
029	US6014380		01-11-2000	Hendel et al.	
030	US6032194		02-29-2000	Gai et al.	
031	US6061548		05-09-2000	Reudink et al.	
032	US6088570		07-11-2000	Komara et al.	
033	US6101400		08-08-2000	Ogaz et al.	
034	US6128512		10-03-2000	Trompower et al.	
035	US6188694		02-13-2001	Fine et al.	
036	US6195051		02-27-2001	McCoy et al.	
037	US6202114		03-13-2001	Dutt et al.	
038	US6215982		04-10-2001	Trompower et al.	
039	US6219739		04-17-2001	Dutt et al.	
040	US6222503		04-24-2001	Gietema et al.	
041	US6272351		08-07-2001	Langston et al.	
042	US6285863		09-04-2001	Zhang et al.	

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<b>Sheet</b>	3	<b>of</b>	11	<b>Attorney Docket No:</b> 080589	

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		Number-Kind Code <sup>2(if known)</sup>			
043	US6298061		10-02-2001	Chin et al.	
044	US6304563		10-16-2001	Blessent et al.	
045	US6304575		10-16-2001	Carroll et al.	
046	US6331792		12-18-2001	Tonietto et al.	
047	US6339694		01-15-2002	Komara et al.	
048	US6342777		01-29-2002	Takahashi et al.	
049	US6363068		03-26-2002	Kinoshita et al.	
050	US6370185		04-09-2002	Schmutz et al.	
051	US6370369		04-09-2002	Kraiem et al.	
052	US6377612		04-23-2002	Baker et al.	
053	US6377640		04-23-2002	Trans et al.	
054	US6388995		05-14-2002	Gai et al.	
055	US6473131		10-29-2002	Neugebauer et al.	
056	US6480481		11-12-2002	Park et al.	
057	US6501955		12-31-2002	Durrant et al.	
058	US6535732		03-18-2003	McIntosh et al.	
059	US6539204		03-25-2003	Marsh et al.	
060	US6549567		04-15-2003	Fullerton et al.	
061	US6628624		09-30-2003	Mahajan et al.	
062	US6671502		12-30-2003	Ogawa et al.	
063	US6684058		01-27-2004	Karacaoglu et al.	

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<b>Sheet</b>	4	<b>of</b>	11	<b>Attorney Docket No:</b> 080589

U.S. PATENT DOCUMENTS					
<b>Examiner Initials*</b>	<b>Cite No.<sup>1</sup></b>	<b>Document Number</b>	<b>Publication Date MM-DD-YYYY</b>	<b>Name of Patentee or Applicant of Cited Document</b>	<b>Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear</b>
		<b>Number-Kind Code<sup>2(if known)</sup></b>			
	064	US6718160	04-06-2004	Schmutz et al.	
	065	US6781544	08-24-2004	Saliga et al.	
	066	US6880103	04-12-2005	Kim et al.	
	067	US6906669	06-14-2005	Sabet et al.	
	068	US6934511	08-23-2005	Lovinggood et al.	
	069	US6934555	08-23-2005	Silva et al.	
	070	US6944139	09-13-2005	Campanella et al.	
	071	US6983162	01-03-2006	Garani et al.	
	072	US6985516	01-10-2006	Easton et al.	
	073	US6990313	01-24-2006	Yarkosky et al.	
	074	US7027418	04-11-2006	Gan et al.	
	075	US7058368	06-06-2006	Nicholls et al.	
	076	US7088734	08-08-2006	Newberg et al.	
	077	US7103344	09-05-2006	Menard et al.	
	078	US7120930	10-10-2006	Maufer et al.	
	079	US7123676	10-17-2006	Gebara et al.	
	080	US7132988	11-07-2006	Yegin et al.	
	081	US7139527	11-21-2006	Tamaki et al.	
	082	US7193975	03-20-2007	Tsutsumi et al.	
	083	US7194275	03-20-2007	Bolin et al.	
	084	US7200134	04-03-2007	Proctor, Jr et al.	

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		Number-Kind Code <sup>2(if known)</sup>			
085	US7215964		05-08-2007	Miyake et al.	
086	US7233771		06-19-2007	Proctor, Jr et al.	
087	US7299005		11-20-2007	Yarkosky et al.	
088	US7319714		01-15-2008	Sakata et al.	
089	US7321787		01-22-2008	Kim et al.	
090	US7339926		03-04-2008	Stanwood et al.	
091	US7352696		04-01-2008	Stephens et al.	
092	US7409186		08-05-2008	Van Buren et al.	
093	US7430397		09-30-2008	Suda et al.	
094	US7486929		02-03-2009	Van Buren et al.	
095	US7577398		08-18-2009	Judd et al.	
096	US7590145		09-15-2009	Futch et al.	
097	US7623826		11-24-2009	Pergal et al.	
098	US7678194		03-09-2010	Rappaport et al.	
099	US20070286110		12-13-2007	James A. JR et al	
100	US20010031646		10-18-2001	Williams, Terry L et al.	
101	US20020045461		04-18-2002	Bongfeldt, David et al.	
102	US20020061031		05-23-2002	Sugar, Gary L et al.	
103	US20020089945		07-11-2002	Belcea, John M et al.	
104	US20020115409		08-22-2002	Khayrallah, Ali S et al.	
105	US20020136268		09-26-2002	Gan, Hongbing et al.	

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106	US20020141435	10-03-2002	Newberg, Donald G et al.		
107	US20020163902	11-07-2002	Takao, Toshiaki et al.		
108	US20020177401	11-28-2002	Judd, Mano D et al.		
109	US20030026363	02-06-2003	Stoter, Jan et al.		
110	US20030179734	09-25-2003	Tsutsumi, Takayuki et al.		
111	US20030236069	12-25-2003	Sakata, Ren et al.		
112	US20040029537	02-12-2004	Pugel, Michael Anthony et al.		
113	US20040047333	03-11-2004	Han, Sung-Chul et al.		
114	US20040047335	03-11-2004	Proctor, James Arthur JR et al.		
115	US20040131025	07-08-2004	Dohler, Mischa et al.		
116	US20040146013	07-29-2004	Song, Peter Chun Teck et al.		
117	US20040166802	08-26-2004	McKay, David L. SR et al.		
118	US20040176050	09-09-2004	Steer, David et al.		
119	US20040198295	10-07-2004	Nicholls, Charles T et al.		
120	US20040218683	11-04-2004	Batra, Anuj et al.		
121	US20040229563	11-18-2004	Fitton, Michael Philip et al.		
122	US20040264511	12-30-2004	Futch, Richard J et al.		
123	US20050014464	01-20-2005	Larsson, Peter et al.		
124	US20050130587	06-16-2005	Suda, Hirohito et al.		
125	US20050201315	09-15-2005	Lakkis, Ismail et al.		

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## FOREIGN PATENT DOCUMENTS

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		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	136	WO0208857A2	01-31-2002	CADENCE DESIGN SYSTEMS INC [US]	
	137	WO2004062305A1	07-22-2004	WIDEFI INC [US] et al.	

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For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *(Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible.)* Applicant is to place a check mark here if English language  
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Substitute for form 1449(PTO)				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/536,471
				Filing Date	2005-05-26
				First Named Inventor	Proctor Jr et al.
				Art Unit	2617
				Examiner Name	DOAN, PHUOC HUU
<b>Sheet</b>	<b>8</b>	<b>of</b>	<b>11</b>	<b>Attorney Docket No:</b> 080589	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T2
	138	ANDRISANO, et al., "On the Spectral Efficiency of CPM Systems over Real Channel in the Presence of Adjacent Channel and CoChannel Interference: A Comparison between Partial and Full Response Systems, IEEE Transactions on Vehicular Technology, Vol. 39, No. 2, May 1990.				
	139	Copy of First Office Action issued from the Chinese Patent Office in connection with corresponding Chinese application No. 200380101286.2. (Attorney Docket 080586CN, corresponding U.S. patent application serial number 10/530,546)				
	140	Draft Corrigendum to IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed Broadband Wireless Access Systems, IEEE P802.16-2004/Cor1/D5.				
	141	Draft IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems; Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands. NO DATED /PD/				
	142	First Report Issued by IP Australia on July 31, 2007 in connection with the corresponding Australian application No. 2003239577. (Attorney Docket 080583AU, corresponding U.S. patent application serial number 10/516,327)				
	143	IEEE 802.16(e), Part 16: Air Interface for Fixed Broadband Wireless Access Systems, 2005, Sections 8.4.10.2.1; 8.4.10.3.2.				
	144	International Search Report-PCT/US03/039889, International Search Authority-ISA/US-05-19-04 (Attorney Docket 080589WO, corresponding U.S. patent application serial number 10/536,471).				
	145	KANNANGARA, et al., "Analysis of an Adaptive Wideband Duplexer with Double-Loop Cancellation," IEEE Transactions on Vehicular Technology, vol. 56, no. 4, July 2007, pp. 1971-1982.				
	146	KUTLU, et al., "Performance Analysis of MAC Protocols for Wireless Control Area Network," 1996 IEEE, pp. 494-499.				
	147	Mexican Office communication dated July 2, 2007 issued from Mexican Patent Office for application PA/a/2004/011588 with partial translation thereof. (Attorney Docket 080583MX, corresponding U.S. patent application serial number 10/516,327)				
	148	Notification of the First Office Action from Chinese Patent Office dates September 8, 2006				

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application Number</b> 10/536,471
				<b>Filing Date</b> 2005-05-26
				<b>First Named Inventor</b> Proctor Jr et al.
				<b>Art Unit</b> 2617
				<b>Examiner Name</b> DOAN, PHUOC HUU
<b>Sheet</b>	<b>9</b>	<b>of</b>	<b>11</b>	<b>Attorney Docket No:</b> 080589

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		for the corresponding Chinese patent application No.: 200380105267.7. (Attorney Docket 080589CN, corresponding U.S. patent application serial number 10/536,471)		
149		Office Action issued from the Mexican Patent Office dated February 22, 2008 in connection with the corresponding Mexican Patent Application No. PA/a/2004/011588. (Attorney Docket 080583MX, corresponding U.S. patent application serial number 10/516,327)		
150		Office communication dated January 12, 2007 issued from the European Patent Office for counterpart application No. 03734136.9-1246. (Attorney Docket 080583EP, corresponding U.S. patent application serial number 10/516,327)		
151		Office communication dated October 19, 2006 issued from the Mexican Patent Office for counterpart application No. PA/a/2004/011588. (Attorney Docket 080583MX, corresponding U.S. patent application serial number 10/516,327)		
152		Official communication issued from the European Patent Office dated August 7, 2007 for the corresponding European patent application No. 03759271.4-2412. (Attorney Docket 080590EP, corresponding U.S. patent application serial number 10/531,078)		
153		Official communication issued from the European Patent Office dated December 19, 2006 for the corresponding European patent application No. 03759271.4-2412. (Attorney Docket 080590EP, corresponding U.S. patent application serial number 10/531,078)		
154		Second Office Action issued from the Chinese Patent Office on July 20, 2007 in connection with corresponding Chinese application No. 200380101286.2. (Attorney Docket 080586CN, corresponding U.S. patent application serial number 10/530,546)		
155		Specifications for 2.3 GHz Band Portable Internet Service - Physical & Medium Access Control Layer, TTAS.KO-06.0082/R1, December 2005.		
156		Third Office Action issued from the Patent Office of People's Republic of China dated January 4, 2008 in corresponding Chinese Patent Application No. 200380101286.2. (Attorney Docket 080586CN, corresponding U.S. patent application serial number 10/530,546)		
157		Translation of Office Action issued by Chinese Patent Office on October 19, 2007 in connection with the corresponding Chinese application No. 03814391.7. (Attorney Docket 080583CN, corresponding U.S. patent application serial number 10/516,327)		
158		U.S. PTO Office Action mailed on April 17, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.		

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/Phuoc Doan/

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(Use as many sheets as necessary)

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	159	U.S. PTO Office Action mailed on January 24, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.	
	160	U.S. PTO Office Action mailed on November 21, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.	
	161	U.S. PTO Office Action mailed on November 6, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.	

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